

Practice

For use with pages 340–344

Write the decimal as a percent.

1. 0.41

2. 0.93

3. 0.01

4. 3

5. 0.0079

6. 0.061

Write the percent as a decimal.

7. 5%

8. 23%

9. 89%

10. 246%

11. 105.8%

12. 0.073%

13. You are reading a book that has 560 pages. You have read about $\frac{11}{20}$ of the book. What percent of the book have you read?

Write the fraction as a percent.

14. $\frac{19}{30}$

15. $\frac{8}{15}$

16. $\frac{27}{40}$

17. $\frac{15}{9}$

18. $\frac{17}{8}$

19. $\frac{13}{6}$

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Find the percent of the number.

20. 45% of 18

21. 32% of 110

22. 102% of 150

23. 205% of 40

24. 0.25% of 300

25. 0.361% of 500

26. In 2002, the world population was about 6,234,250,000. In 2002, the population of Europe was about 11.6% of the world's total population. About how many people lived in Europe in 2002?

27. A bag contains a total of 25 marbles. The bag contains white, yellow, and red marbles. You randomly select one marble from the bag. The probability that you select a red marble is 16%. How many red marbles are in the bag?

Use a number line to order the numbers from least to greatest.

28. 248%, 2.56, $\frac{49}{20}$, 2.51, $\frac{127}{50}$



29. 0.0041, $\frac{19}{5000}$, 0.45%, $\frac{7}{2000}$, 0.042



30. 170%, $\frac{41}{25}$, 2, 168%, $\frac{89}{50}$



31. 0.0093, $\frac{6}{625}$, 0.094, 0.91%, $\frac{19}{2000}$



Evaluate the expression when $m = 25$.

32. $m\%$ of 70

33. 3% of m

34. 130% of m